

## Subpart U-Standards of Performance for the Phosphate Fertilizer Industry: Superphosphoric Acid Plants

### Applicability and designation of affected facility - §60.210

|         |  |
|---------|--|
| Source  | All Emissions  |
| General | <ol style="list-style-type: none"><li>1.) Superphosphoric acid plant having a design capacity of more than 15 tons of equivalent P<sub>2</sub>O<sub>5</sub> feed per calendar day. For the purpose of this subpart, the affected facility includes any combination of: evaporators, hot wells, acid sumps, and cooling tanks, and</li><li>2.) Facilities commence construction or modification after October 22, 1974.</li></ol> |

### Standard for fluorides - §60.212

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| Source  | All Emissions   |
| General | No facility shall cause to be discharged into the atmosphere any gases which contain total fluorides in excess of 5.0 g/metric ton of equivalent P <sub>2</sub> O <sub>5</sub> feed (0.010 lb/ton). |

### Monitoring of operations - §60.213

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| Source  | All Emissions  |
| General | <ol style="list-style-type: none"><li>1.) Facility shall install, calibrate, maintain, and operate a flow monitoring device determine the mass flow of phosphorus-bearing feed material to the process. The flow monitoring device shall have an accuracy of <math>\pm 5</math> percent over its operating range.</li><li>2.) Facility shall maintain a daily record of equivalent P<sub>2</sub>O<sub>5</sub> feed by first determining the total mass rate in metric ton/hr of phosphorus-bearing feed using a flow monitoring device meeting the requirements of paragraph (a) of this section and then by proceeding according to §60.214(b)(3).</li><li>3.) Facility shall install, calibrate, maintain, and operate a monitoring device which continuously measures and permanently records the total pressure drop across the process scrubbing system. The monitoring device shall have an accuracy of <math>\pm 5</math> percent over its operating range.</li></ol> |

### Test methods and procedures - §60.214

|         |   |
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| Source  | All Emissions   |
| General | <ol style="list-style-type: none"><li>1.) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in §60.8(b).</li><li>2.) The owner or operator shall determine compliance with the total fluorides standard in §60.212 as stated in §60.214(b).</li></ol> |